Claims

Sub as 1.   A gas generator comprising a housing (4) formed by joining

an iron- or steel-made upper lid (2), containing a top plate (2a) and

5   a side cylinder (1a) extending downward from the entire

circumferential edge thereof and provided with many gas discharge

holes (8), with an iron- or steel-made lower lid (3) containing a

bottom plate (3f), a side cylinder (1b) extending upward from the

entire circumferential edge thereof, and an ignitor holding portion

10   (3a) formed integrally with the bottom plate (3f) and for fixing by

caulking an ignitor (30), the ignitor (30) and a gas generating agent

(6) being arranged in the housing (4) in the order mentioned from

the center thereof.

~~2.   The gas generator according to claim 1,~~ wherein a flange (1c)

15   ~~extends vertically outward from the side~~ cylinder (1a) of the upper

~~lid (2).~~

3.   The gas generator according to claim 1, wherein the integral

forming is done by a repetition of partial pressuring the iron or

steel to flow.

20   4.   The gas generator according to claim 3, wherein the lower lid

(3) is formed into a ball-like shape.

5.   The gas generator according to claim 3, wherein the ignitor

holding portion (3a) stands on a wall thickness portion (3e) of the

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bottom plate (3f) of the ball-like lower lid (3) and comprises an inner cylindrical portion (3b) for holding the ignitor (30), a protruding portion (3d) protruding from the inner cylindrical portion (3b) into a center thereof and mounting the ignitor (30), and

5　a bending portion (3c) extending from the inner cylindrical portion (3b), bending towards a center thereof, and fixing the ignitor (30) by caulking.

6.　The gas generator according to claim 1, wherein a relation of an outside diameter (D) of the side cylinder (1) and a length (L)

10　from the upper lid (2) to an outer surface of the lower lid (3) is L/D $\leqq$ 1.

7.　The gas generator according to claim 1, wherein the gas generating agent (6) is an organic-compound gas generating agent of which main component is a nitrogen containing organic

15　compound.

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